

CIVL 4122 Homework #30

Name: _____

Determine the support reactions and draw the frame's shear force and bending moment diagram.

Assume the supports at A and D are fixed. The moment of inertia of each member is indicated in the figure.

Assume $E = 29(10^3)$ ksi, $A_{AB} = 10$ in², $A_{BC} = 8$ in², $A_{CD} = 10$ in².

